

# TYPE NUMBERS AND SYMBOLS USED IN THIS HANDBOOK

## <Type Numbers>

Type numbers described in this handbook are those of the standard types which have been manufactured at present and will be in the near future. The special ordered devices are not included here.

There are many kinds of type numbers in this handbook. But these are divided to two kinds.

One is the EIAJ (Electronic Industries Association of Japan) number and the other is SANYO number. The table shows this.

## <Symbols>

Generally, capital letters are used in order to show dc characteristics, and small letters are to ac characteristics and specially small signal

TABLE OF SANYO TYPE NUMBER INDEX

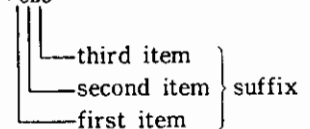
Type Number	Description	Registered to
LA××××	monolithic bipolar linear IC	SANYO
LB××××	monolithic bipolar digital IC	SANYO
LC××××	monolithic C-MOS IC	SANYO
LD××××	thin film IC	SANYO
LM××××	monolithic P-MOS IC	SANYO
STK-×××	thick film IC	SANYO
2SA×××	high frequency PNP transistor	EIAJ
2SB×××	low frequency PNP transistor	EIAJ
2SC××××	high frequency NPN transistor	EIAJ
2SD×××	low frequency NPN transistor	EIAJ
2SF××××	reverse blocking triode	EIAJ
2SJ××	P-channel FET	EIAJ
2SK××	N-channel FET	EIAJ
2SM×××	bidirectional triode	EIAJ
1S××××	diode	EIAJ
TS×××	silicon transistor	SANYO
TG×××	germanium transistor	SANYO
DS×××	silicon diode	SANYO
DG×××	germanium diode	SANYO
SZ××	reference diode	SANYO
SZA××	reference diode	SANYO
SDT×××	thermistor	SANYO

characteristics.

Many suffixes are used in order to show supplementary explanations of symbols. These are very often used specially when the symbols refer to voltage or current as follows.

example 1:  $I_{CER}$

example 2:  $V_{CBO}$



The first item of suffix gives the electrode in question.

The second item gives the grounded electrode.

The third item shows the state of the third electrode which is not described at first and second items. That is;

- s : The third electrode is shorted to the second electrode.
- o : The third electrode is to be open free.
- r : The appointed resistance is to be connected between the second and the third electrodes.
- x : The third electrode is to be on the state biased as appointed.
- (sat) : That device is to be on the saturation state.

Figure symbols are used as follows.

figure symbol  $10^9$   $10^6$   $10^3$   $10^0$   $10^{-3}$   $10^{-6}$   $10^{-9}$   $10^{-12}$   
 G M k - m  $\mu$  n p

Units are as follows.

voltage	V
current	A
power	W
impedance	$\Omega$
admittance	S
capacitance	F
inductance	H
time	sec(s), min, hour(h)
frequency	Hz
gain	dB
phase angle	degree, °
temperature	°C